



Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE				ATTY. DOCKET H0004478	SERIAL NO.: 10/699,416										
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Thomas Y-T. Tam et al.											
(Use several sheets if necessary)				FILING DATE: October 31, 2003	GROUP: 1732										
<b>U.S. PATENT DOCUMENTS</b>															
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="8" style="height: 400px; vertical-align: top;"></td></tr> </table>															
<b>FOREIGN PATENT DOCUMENTS</b>															
							TRANSLATION								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="8" style="height: 40px; vertical-align: top;"></td></tr> </table>															
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>															
PB		Eckert and Drake, Heat and Mass Transfer, McGraw-Hill Book Company, 1959, page 121													
EXAMINER /Patrick Butler/ (10/31/2006)				DATE CONSIDERED 10/31/2006											
<p>Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>															

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O P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Tam et al.		
DEC 22 2003 Use several sheets if necessary)			FILING DATE: 10/31/2003	GROUP:

PATENT &amp; TRADEMARK OFFICE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	4,411,854	10/25/1983	Maurer et al.	264	205	12/15/1981
PB	4,422,993	12/27/1983	Smith et al.	264	210.8	06/24/1980
PB	4,413,110	11/01/1983	Kavesh et al.	526	348	03/19/1982
PB	4,430,383	02/07/1984	Smith et al.	428	364	09/30/1982
PB	4,436,689	03/13/1984	Smith et al.	264	204	10/18/1982
PB	4,536,536	08/20/1985	Kavesh et al.	534	462	10/03/1983
PB	4,545,950	10/08/1985	Motooka et al.	264	210.8	12/28/1983
PB	4,551,296	11/05/1985	Kavesh et al.	264	177	01/20/1984
PB	4,612,148	11/16/1986	Motooka et al.	264	49	07/16/1985
PB	4,617,233	11/14/1986	Ohta et al.	428	364	05/21/1984
PB	4,663,101	05/05/1987	Kavesh et al.	264	178	01/11/1985
PB	5,032,338	07/16/1991	Weedon et al.	264	203	05/22/1989
PB	5,246,657	09/21/1993	Yagi et al.	264	210.6	05/13/1992
PB	5,286,435	02/15/1994	Slutske et al.	264	205	12/31/1987

## FOREIGN PATENT DOCUMENTS

							TRANSLATION	
	DOCUMENT NUMBER	DATE	PATENTEE OR APPLICANT	CLASS	SUBCLASS	YES	NO	
PB	GB 2,042,414A	09/24/1980	Smith et al.	D01D5	04	X		
PB	EP 0 320 188 A2	06/14/1989	Takeda et al.	D01F5	04	X		
PB	JP-A-60/52647	08/30/1983	Toyo Boseki K.K.	D02J1	22	X	—X	
PB	JP 238416-1995	09/12/1995	Oh-ya	D01F	6/04	X		
PB	EP 0 077,590	04/27/1983	Kirschbaum et al.	D01D5	04	X		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PB	P. Smith et al., "Ultrahigh-Strength Polyethylene Filaments by Solution Spinning/Drawing, 2, Influence of Solvent on the Drawability" <i>Macromol. Chem.</i> , 180, 2983 (1979)
PB	P. Smith et al., "Ultra-high-strength Polyethylene Filaments by Solution Spinning/Drawing" <i>J. Matl. Sci.</i> , 15, 505, 1980
PB	Kalb et al., "Hot Drawing of Porous High Molecular Weight Polyethylene, <i>Polymer</i> , 21, 3 (1980)
PB	J. Smook et al., "Influence of Spinning/Hot Drawing Conditions on the Tensile Strength of Porous High Molecular Weight Polyethylene", <i>Poly. Bull.</i> , 2, 775 (1980)

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## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS**(Including Author, Title, Date, Pertinent Pages, etc.)

PB		A.J. Pennings et al., "Mechanical Properties of Ultra-High Molecular Weight PE Fibres in Relation to Structural Changes and Chain Scissioning Upon Spinning and Hot Drawing", <i>J. Matl. Sci.</i> , <b>19</b> , 3443 (1984)
PB		J.P. Penning et al., "The Effect of Fibre Diameter on the Drawing Behaviour of Gel-Spun Ultra-High Molecular Weight PE Fibres", <i>Poly. Bull.</i> , <b>31</b> , 243 (1993)
PB		P. Smith et al., Ultradrawing of High Molecular Weight PE Cast From Solution. II. Influence of Polymer Concentration", <i>J. Poly. Sci., Poly. Phys. Ed.</i> , <b>19</b> , 877 (1981)

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